

The figure displays six schematic diagrams of plasmid constructs, each with a unique name and a set of components represented by different symbols and colors:

- pGm:** Contains a PCMV promoter (black arrow), a multiple cloning site (MCS, black box), and a polyA SV40 signal (white box).
- pA8q:** Contains a PCMV promoter (black arrow), a sequence (white box), and a polyA SV40 signal (white box).
- pGA:** Contains a PCMV promoter (black arrow), a sequence (black box), and a polyA SV40 signal (white box).
- pG1A:** Contains a PCMV promoter (black arrow), a sequence (black box), and a polyA SV40 signal (white box). A specific DNA sequence is highlighted: (TCC GGC GGC ACC CCA TCC GGC GGC CAG)_{11.3} TCC CCA CTC AGA TCT, with corresponding amino acids S C G S C S C G Q.
- pSG5A:** Contains a PCMV promoter (black arrow), a sequence (white box), a sequence (black box), a sequence (white box), and a polyA SV40 signal (white box).
- pISG&A:** Contains a PCMV promoter (black arrow), a sequence (white box), a sequence (black box), a sequence (white box), and a polyA SV40 signal (white box).

FIGURE 1

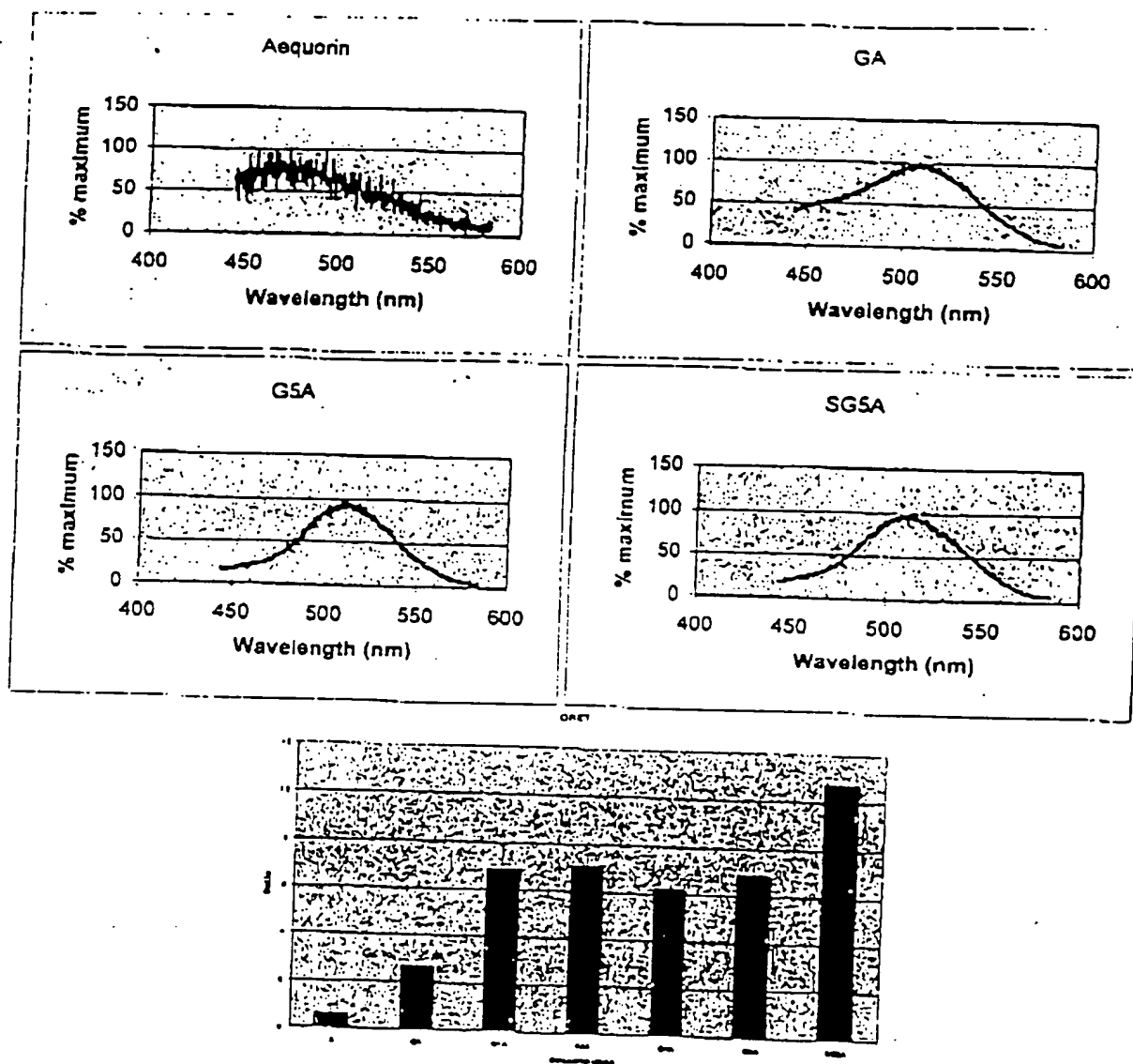
[illegible]

FIGURE 2

FOUO-10629860

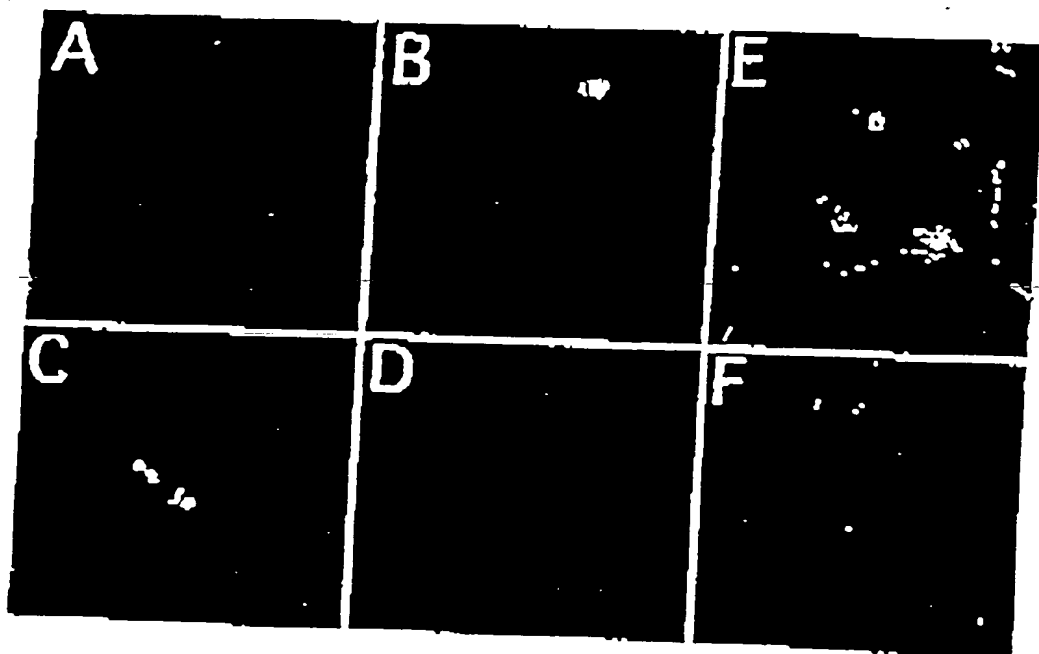


FIGURE 3

FIGURE 4

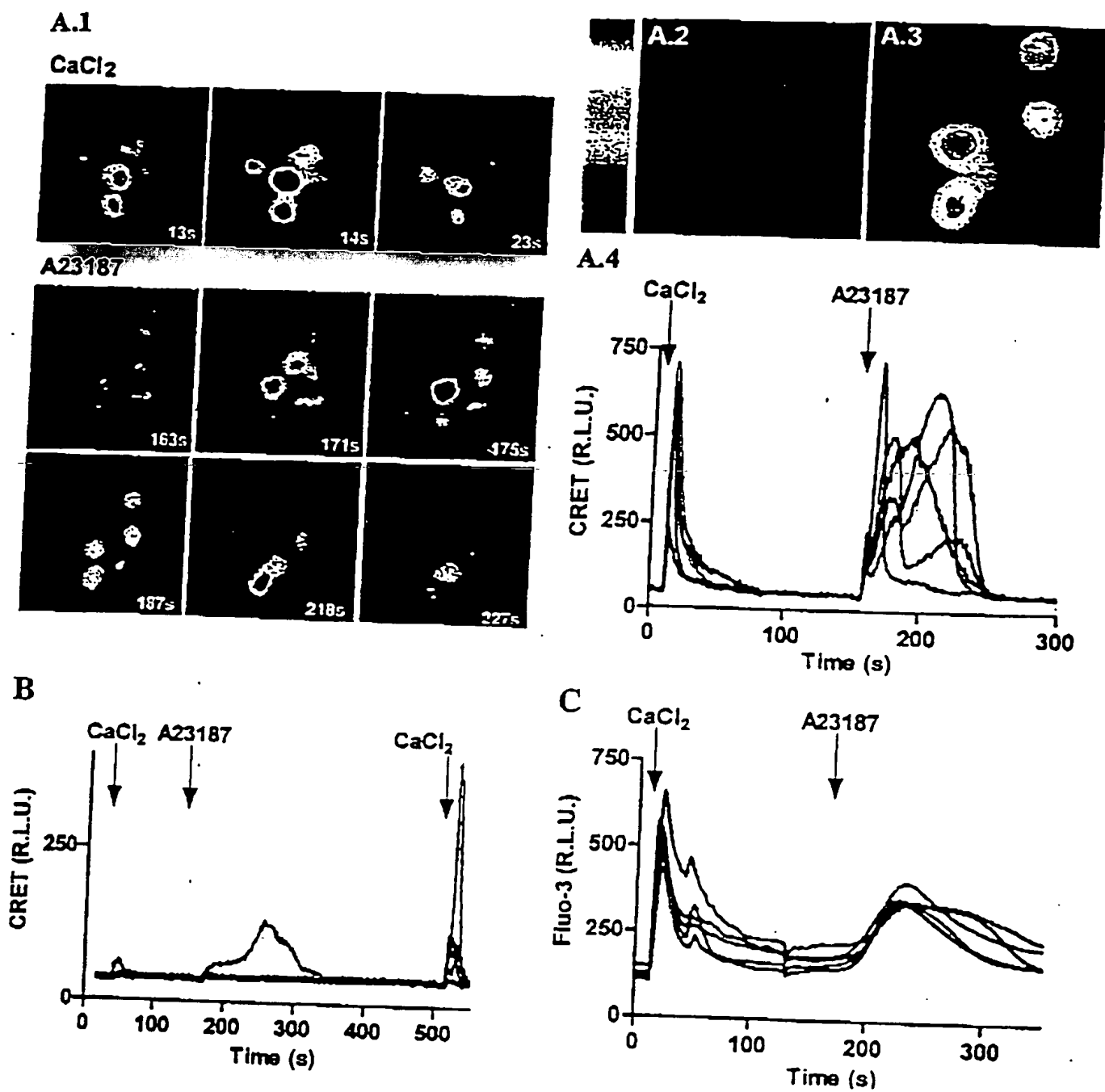


FIGURE 4

Protein stability

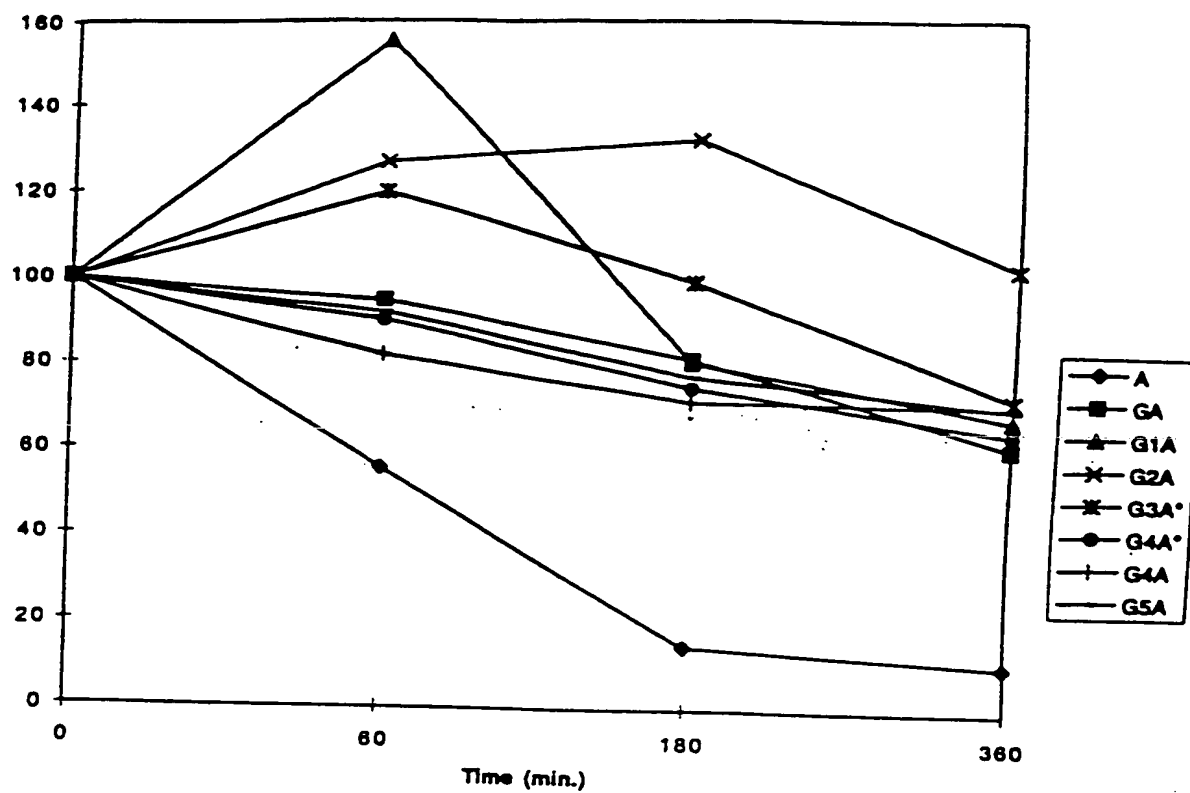
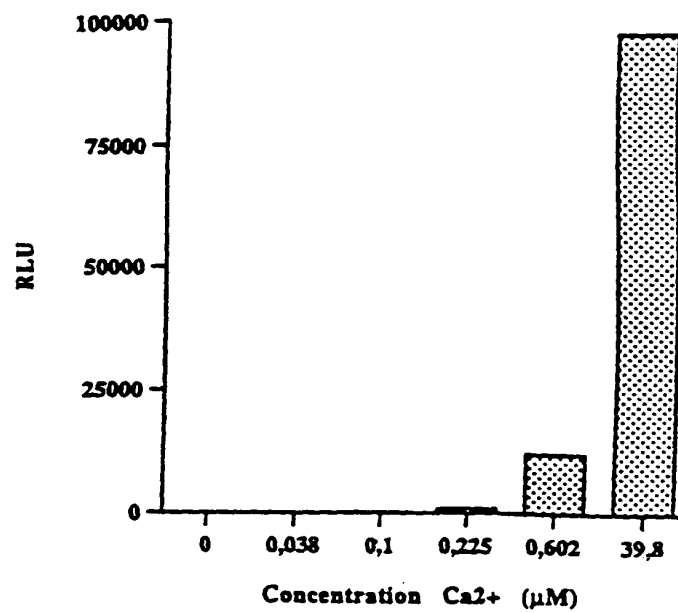


FIGURE 5

[illegible]

G5A

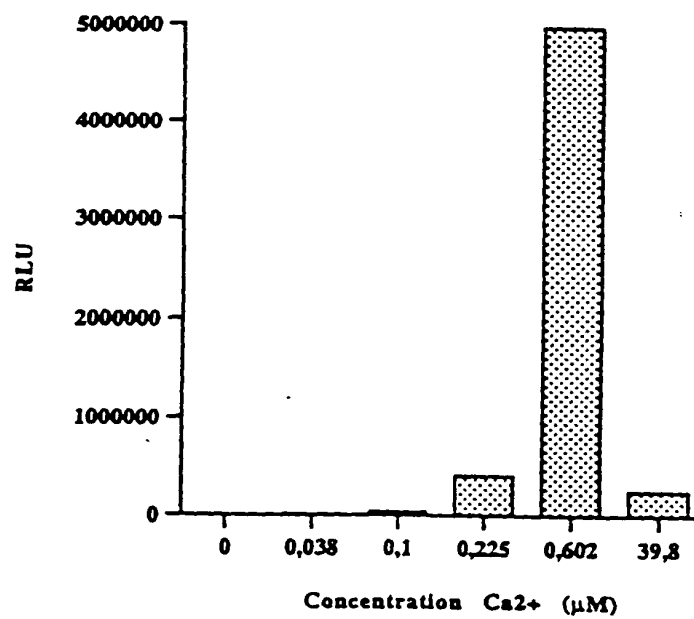
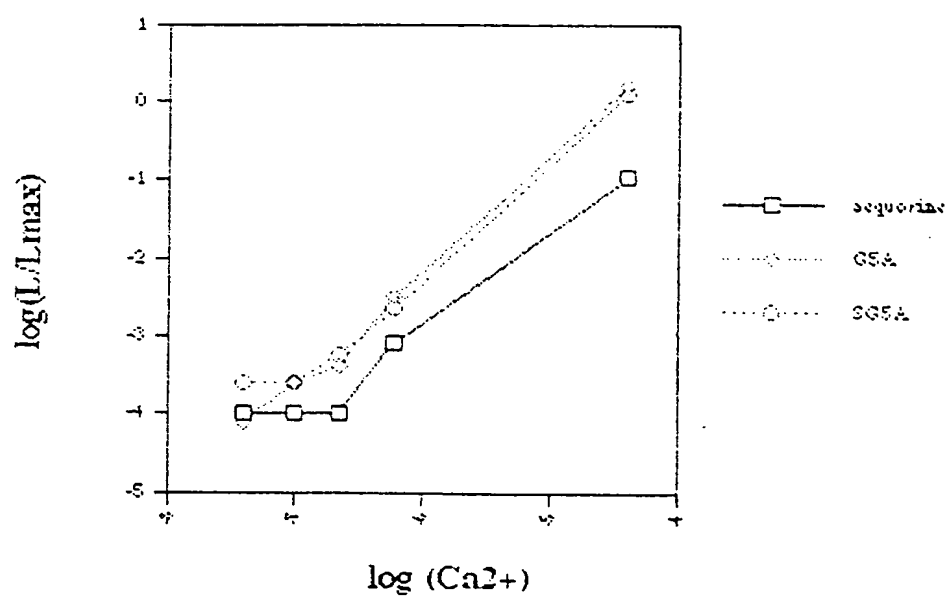


FIGURE 6



Calibration curves between the bioluminescent activity and Ca^{2+}

FIG. 7

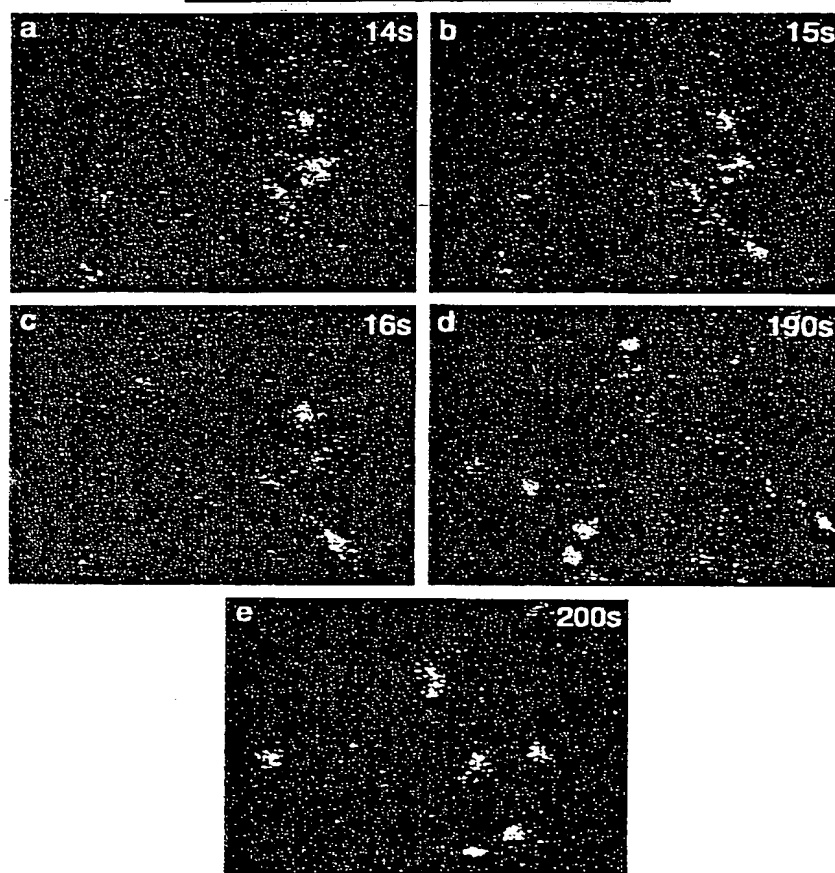
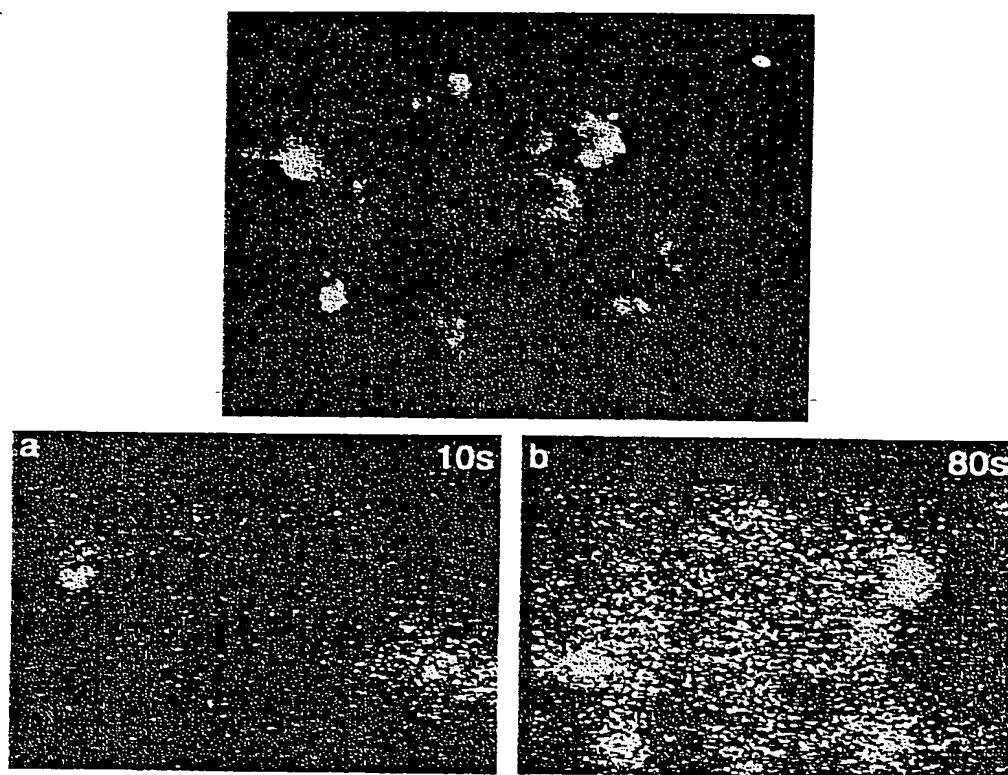


FIG. 8



Fluorescence and Ca^{2+} -induced bioluminescent activities
in dissociated neurons in culture infected with adenoviral-SG5A vectors.

FIG. 9

104250 1062960

map1935a1

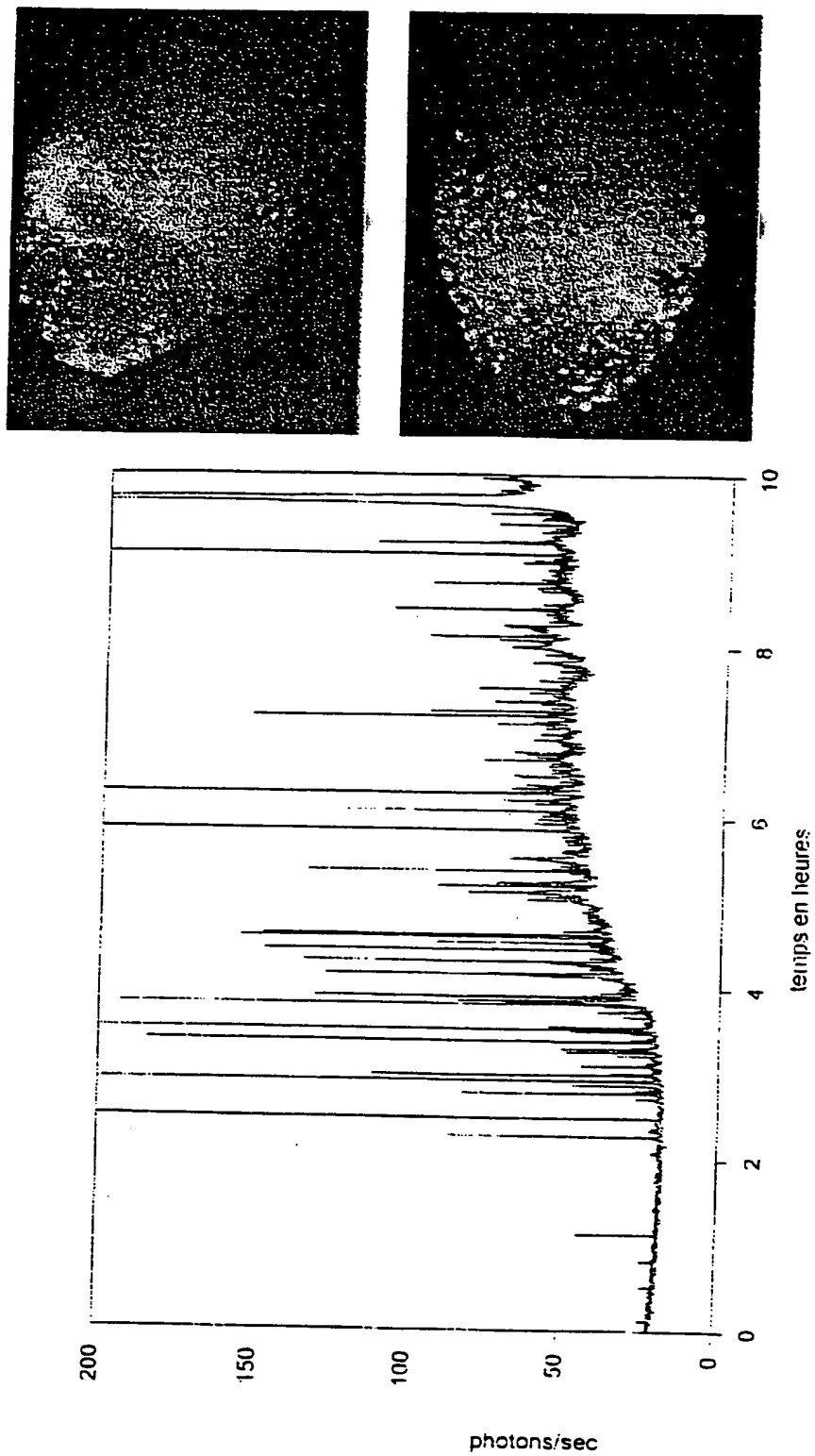


FIG. 10

